

CHATBOT :-

```
import random
```

```
import datetime
```

```
import webbrowser
```

```
# Define a dictionary of pre-defined responses
```

```
responses = {
```

```
    "What's your name?": "My name is Chatbot.",
```

```
    "How old are you?": "I don't have an age. I'm a machine.",
```

```
    "Where do you live?": "I live in the computer.",
```

```
    "What's your favorite color?": "I don't have a favorite color.",
```

```
    "What's your favorite food?": "I don't eat food. I'm a machine.",
```

```
    "Do you have any pets?": "No, I don't have any pets.",
```

```
    "What's your hobby?": "I don't have hobbies. I'm a chatbot.",
```

```
    "What's your job?": "My job is to chat with people.",
```

```
    "What's your favorite movie?": "I don't watch movies. I'm a machine.",
```

```
    "What's your favorite book?": "I don't read books. I'm a chatbot.",
```

```
    "Do you like sports?": "I don't have opinions about sports. I'm a machine.",
```

```
    "What's your favorite sport?": "I don't have a favorite sport. I'm a chatbot.",
```

```
    "What's your favorite music genre?": "I don't have preferences for music genres.",
```

```
    "Do you play any instruments?": "No, I don't play any instruments.",
```

```
    "What's your favorite holiday?": "I don't have a favorite holiday.",
```

```
    "What's your favorite place to visit?": "I don't travel. I'm a machine.",
```

```
    "What's your favorite animal?": "I don't have a favorite animal. I'm a chatbot.",
```

```
    "What's your favorite thing to do?": "I like chatting with people.",
```

```
    "Do you prefer tea or coffee?": "I don't drink beverages. I'm a machine.",
```

```
    "What's your favorite season?": "I don't have a favorite season. I'm a chatbot.",
```

```
}
```

```

# Define a function to handle the chatbot's responses

def chatbot_response(user_input):

    # Answer the current time if the user input contains "time"

    if "time" in user_input:

        current_time = datetime.datetime.now().strftime("%H:%M:%S")

        current_year = datetime.datetime.now().strftime("%Y")

        return f"The current time in India is {current_time} on {current_year}."

    if "open google" in user_input:

        webbrowser.open("https://www.google.com/")

        return "Opening Google..."

    if "open youtube" in user_input:

        webbrowser.open("https://www.youtube.com/")

        return "Opening youtube..."

    # Otherwise, check if the user input matches a pre-defined response
    for question, response in responses.items():

        if user_input.lower() == question.lower():

            return response

    # If no pre-defined response is found, generate a random response

    return random.choice(["Interesting!", "Tell me more.", "I see.", "That's cool.", "Really?"])


# Start the chatbot

print("Hello! I'm a chatbot. Ask me anything!")

while True:

    # Get the user's input

    user_input = input()

    # Check if the user wants to quit

    if user_input.lower() == "quit":

        break

    # Respond

    response = chatbot_response(user_input)

    print(response)

```

Output :-

```
Python 3.11.2 (tags/v3.11.2:878ead1, Feb 7 2023, 16:38:35) [MSC v.1934 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
== RESTART: C:/Users/user/AppData/Local/Programs/Python/Python311/kruskals.py ==
('A', 'D', 5)
('C', 'E', 5)
('D', 'F', 6)
('A', 'B', 7)
('B', 'E', 7)
('E', 'G', 9)
>>>
===== RESTART: C:\Users\user\AppData\Local\Programs\Python\Python311\chat.py =====
Hello! I'm a chatbot. Ask me anything!
time
The current time in India is 11:05:41 on 2023.
How old are you?
I don't have an age. I'm a machine.
```